

CLAIMS

What is claimed is:

- 1 1. An apparatus comprising:
2 mouse features that include surface based navigation such that a movement of
3 the apparatus relative to another object is translated into electronic signals; and
4 remote control unit features.

- 1 2. The apparatus according to claim 1, wherein the mouse features additionally
2 include a scroll wheel and at least one mouse click button.

- 1 3. The apparatus according to claim 1, wherein the surface based navigation of the
2 mouse features includes an optical mouse transception device on the bottom of the
3 apparatus.

- 1 4. The apparatus according to claim 1, wherein the remote control unit features are
2 features including number buttons and at least one mode selection button.
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- 1 5. The apparatus according to claim 1, wherein the at least one mode selection
2 button is to be used to select at least one device to be controlled by the apparatus.

1 6. The apparatus according to claim 1, further comprising a wireless connection
2 port to wirelessly connect the apparatus to at least one of a computer and a consumer
3 electronics device.

1 7. The apparatus according to claim 1, further comprising a wireless connection
2 port to wirelessly connect the apparatus to a computer and to a consumer electronics
3 device.

1 8. The apparatus according to claim 1, wherein the apparatus is a handheld
2 peripheral computer/consumer electronics convergence device.

1 9. The apparatus according to claim 1, wherein the apparatus is a universal remote
2 configurable by a computer.

1 10. The apparatus according to claim 1, wherein the mouse features further include a
2 scroll wheel, and wherein the scroll wheel may be used to perform at least one of the
3 following functions on at least one of a computer, a consumer electronics device, and a
4 convergence computer/consumer electronics device: adjust volume, navigate channels,
5 navigate a scroll bar, perform a zoom function, fast forward, and rewind.

1 11. The apparatus according to claim 1, wherein the apparatus is to control a
2 computer and a consumer electronics device.

1 12. The apparatus according to claim 1, wherein the mouse features further include a
2 scroll wheel.

1 13. The apparatus according to claim 12, wherein the scroll wheel is able to perform
2 at least one of the following control functions on another device: volume adjustment,
3 channel navigation, scroll bar navigation, zoom, fast forward, and rewind.

1 14. The apparatus according to claim 12, wherein the scroll wheel is able to perform
2 at least one of the following control functions on a consumer electronics device: volume
3 adjustment, channel navigation, scroll bar navigation, zoom, fast forward, and rewind.

1 15. A system comprising:
2 a screen;
3 media processed from a source and displayed on the screen; and
4 a peripheral to interface with the processed media displayed on the screen, the
5 peripheral including:
6 mouse features that include surface based navigation such that a
7 movement of the apparatus relative to another object is translated into electronic signals
8 to interact with the processed media; and
9 remote control unit features.

1 16. The system according to claim 15, wherein the mouse features further include a
2 scroll wheel and at least one mouse click button.

1 17. The system according to claim 15, wherein the surface based navigation of the
2 mouse features includes an optical mouse transception device on the bottom of the
3 peripheral.

1 18. The system according to claim 15, wherein the remote control unit features are
2 features including number buttons and at least one mode selection button.

1 19. The system according to claim 15, further comprising a wireless connection port
2 to wirelessly connect the peripheral to interact with the processed media displayed on
3 the screen.

1 20. The system according to claim 15, wherein the peripheral is a handheld
2 peripheral computer/consumer electronics convergence device.

1 21. The system according to claim 15, wherein the peripheral is a universal remote
2 configurable by a computer.

1 22. The system according to claim 15, wherein the mouse features further include a
2 scroll wheel, and wherein the scroll wheel may be used to perform at least one of the
3 following functions on the displayed media: adjust volume, navigate channels, navigate
4 a scroll bar, zoom, fast forward, and rewind.

1 23. The system according to claim 15, wherein the peripheral device is to control the
2 displayed media using the mouse features and the remote control unit features.

1 24. The system according to claim 15, wherein the screen is included within at least
2 one of a computer, a consumer electronics device and a convergence
3 computer/consumer electronics device.

1 25. The system according to claim 24, wherein the consumer electronics device is at
2 least one of a VCR, a TV, a set top pointing device, a set top box, a set top device, a set
3 top computer, a CD player, a CD recorder, a DVD player, a DVD recorder, an MP3
4 player, an MP3 recorder, a personal video player, and a personal video recorder.

1 26. The system according to claim 15, wherein the mouse features further include a
2 scroll wheel.

1 27. The system according to claim 26, wherein the scroll wheel is able to perform at
2 least one of the following control functions on the displayed media: volume adjustment,
3 channel navigation, scroll bar navigation, zoom, fast forward, and rewind.

1 28. A method comprising:
2 performing media control and computer control using a single device that
3 includes mouse functions and remote control functions, the mouse functions including

4 surface based navigation such that a movement relative to another object is translated
5 into electronic signals.

1 29. The method according to claim 28, further comprising enabling a switching
2 between the media control and the computer control based on a context of the device.

1 30. The method according to claim 28, further comprising wirelessly connecting the
2 device to a computer and to a consumer electronics device.

1 31. The method according to claim 28, wherein the device is a universal remote, and
2 further comprising configuring the universal remote using a computer.

1 32. The method according to claim 28, wherein the mouse features further include a
2 scroll wheel, and wherein the scroll wheel may be used to perform at least one of the
3 following functions on at least one of a computer and a consumer electronics device:
4 adjust volume, navigate channels, navigate a scroll bar, zoom, fast forward, and rewind.

1 33. The method according to claim 28, further comprising controlling a computer and
2 a consumer electronics device using the mouse features and the remote control unit
3 features.

1 34. The method according to claim 28, further comprising using the surface based
2 navigation as a scrubbing tool to move rapidly through processed media.